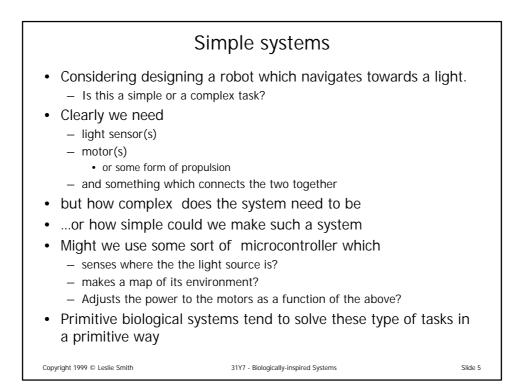
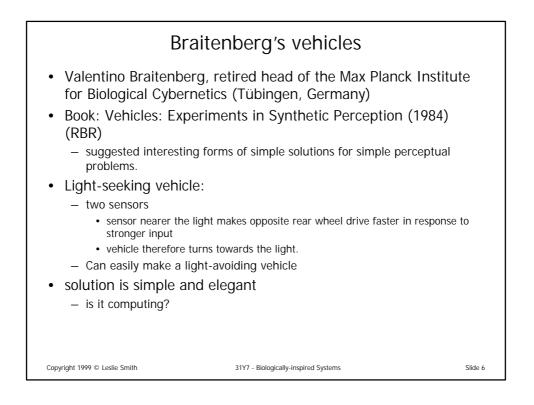
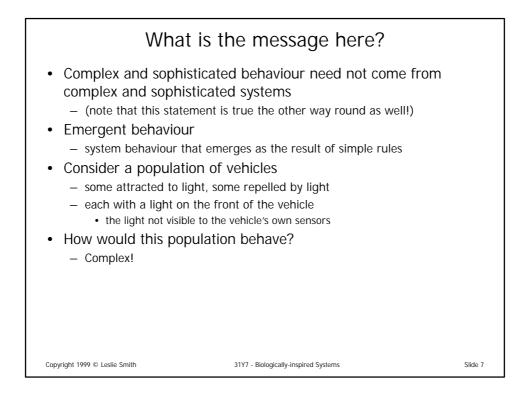
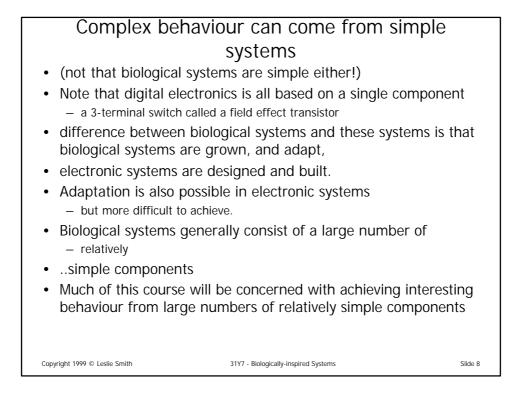


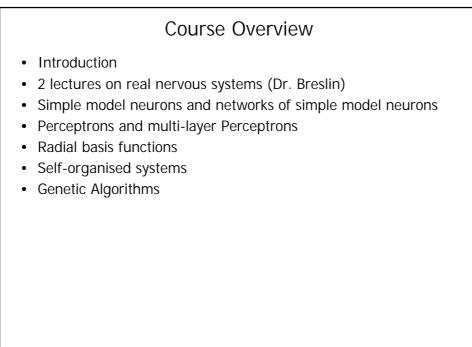
More formally:		
<ul> <li>Computers can perform any sequence of logical operations on binary strings</li> </ul>		
<ul> <li>This makes them able to simulate any system that can be mapped to binary strings</li> </ul>		
<ul> <li>So: computers can (to some level) simulate any finite system         <ul> <li>and that includes brains</li> </ul> </li> </ul>		
<ul> <li>But: this is just a simulation</li> <li>a finite approximation</li> </ul>		
<ul> <li>lacks the complexity of the original system</li> <li>some aspects will necessarily be omitted</li> <li>for example: noise will be omitted</li> <li>does this matter?</li> </ul>		
<ul> <li>And the system will not be "grounded" - I.e. attached to its environment – does this matter?</li> </ul>		
<ul> <li>Biological systems often perform information processing very differently from how a computer might achieve the same ends.</li> </ul>		
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